

Title (en)

Buckling folder and method for registration control of a buckling folder

Title (de)

Taschenfalzwerk und Verfahren zur Registerregelung eines Taschenfalzwerks

Title (fr)

Pieuse à poches et procédé de contrôle du registre dans une plieuse à poches

Publication

EP 0913352 B1 20050720 (DE)

Application

EP 98119757 A 19981022

Priority

DE 19747997 A 19971030

Abstract (en)

[origin: EP0913352A2] The folding mechanism has a first folding roller (12), a pair of counter-rotating folding rollers (14,16) and an adjustable folding pocket (20), with evaluation of the supplied sheet length between the detection of the sheet entry and the detected deflection of at least one of the folding rollers upon formation of the fold. The deflection of the folding roller may be detected via a bearing lever and associated expansion measuring strips, or a piezoelectric sensor. A register regulation method for an envelope folding mechanism is independently claimed.

IPC 1-7

B65H 45/14

IPC 8 full level

B41F 13/56 (2006.01); **B65H 45/14** (2006.01); **B65H 45/16** (2006.01)

CPC (source: EP US)

B65H 45/144 (2013.01 - EP US); **B65H 45/147** (2013.01 - EP US)

Cited by

EP1013589A3; US6641514B1

Designated contracting state (EPC)

CH DE IT LI PT

DOCDB simple family (publication)

EP 0913352 A2 19990506; **EP 0913352 A3 19991117**; **EP 0913352 B1 20050720**; DE 19747997 A1 19990512; DE 59812937 D1 20050825; JP 4112709 B2 20080702; JP H11217157 A 19990810; PT 913352 E 20051130; US 6086522 A 20000711

DOCDB simple family (application)

EP 98119757 A 19981022; DE 19747997 A 19971030; DE 59812937 T 19981022; JP 31078198 A 19981030; PT 98119757 T 19981022; US 18225598 A 19981029